



QC Core Insights • October 10, 2022

Pre-operative Optimization for VHR

Faculty Moderator: Clayton Petro, MD
Cleveland Clinic Foundation

Presentation: Alex Lois, MD
University of Washington

Article Review: Luciano Tastaldi, MD
University of Texas Medical Branch at Galveston

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We will review and discuss the following articles: ✨

- Petro CC, Haskins IN, Tastaldi L, et al. Does active smoking really matter before ventral hernia repair? An AHSQC analysis. *Surgery*. 2019 Feb;165(2):406-411.
 - Petro CC, Tastaldi L, Rosen MJ, Prabhu AS. Response to: Active smoking really matters before ventral hernia repair. *Surgery*. 2019 Apr;165(4):853-858. (Last 2 pages)
- Liang MK, Bernardi K, Holihan JL, et al. Modifying Risks in Ventral Hernia Patients With Prehabilitation: A Randomized Controlled Trial. *Ann Surg*. 2018 Oct;268(4):674-680.
 - Bernardi K, Olavarria OA, Dhanani NH, et al. Two Year Outcomes of Prehabilitation Among Obese Patients with Ventral Hernias: A Randomized Controlled Trial (NCT02365194). *Ann Surg*. 2020 Nov 12. [Epub ahead of print]
- Joslyn NA, Esmonde NO, Martindale RG, et al. Evidence-Based Strategies for the Prehabilitation of the Abdominal Wall Reconstruction Patient. *Plast Reconstr Surg*. 2018 Sep;142(3 Suppl):215-29S

Selected readings: ✨

- Lindström D, Sadr Azodi O, Wladis A, et al. Effects of a perioperative smoking cessation intervention on postoperative complications: a randomized trial. *Ann Surg*. 2008 Nov;248(5):739-45.
- Rosen MJ, Aydogdu K, Grafmiller K, et al. A Multidisciplinary Approach to Medical Weight Loss Prior to Complex Abdominal Wall Reconstruction: Is it Feasible? *J Gastrointest Surg*. 2015 Aug;19(8):1399-406.
- Krpata DM, Haskins IN, Phillips S, et al. Does Preoperative Bowel Preparation Reduce Surgical Site Infections During Elective Ventral Hernia Repair? *J Am Coll Surg*. 2017 Feb;224(2):204-211.
- Prabhu AS, Krpata DM, Phillips S, et al. Preoperative Chlorhexidine Gluconate Use Can Increase Risk for Surgical Site Infections after Ventral Hernia Repair. *J Am Coll Surg*. 2017 Mar;224(3):334-340.

QC Core Insights will be held on Zoom and recorded for on-demand viewing by those unable to attend. View the upcoming schedule and recordings of past sessions on our website at www.achqc.org/meetings/qc-core-insights.